



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145)
CEPOA-CO-R
Post Office Box 6898
Elmendorf AFB, Alaska 99506-0898

PUBLIC NOTICE DATE: 26 September 2006
EXPIRATION DATE: 25 October 2006
REFERENCE NUMBER: POA-2005-761
WATERWAY: Bering Sea

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Alaska Village Electric Cooperative, Incorporated, 4831 Eagle Street, Anchorage, Alaska 99503

AGENT: CE2 Engineers, Inc., P.O. Box 232946, Anchorage, Alaska 99523-2946, Contact: Anne Herschleb, Phone (907) 349-1010

LOCATION: The proposed project is located within section 8, T. 21 S., R. 61 W., Kateel River Meridian; Latitude 63.6942° N., Longitude 170.4789° W.; in Savoonga, Alaska.

PURPOSE: The purpose of the proposed work is to provide electric power for the community of Savoonga.

WORK: The applicant proposes to construct two wind turbines, access roads, and power lines to generate and deliver electricity to the community. Each wind turbine foundation pad would require about 321 cubic yards of fill, about 89 cubic yards of concrete and about 232 cubic yards of gravel. Overall, the two wind turbine pads would consist of about 642 cubic yards of fill, about 178 cubic yards of concrete and about 464 cubic yards of gravel. The footprint of each wind turbine would be 784 square feet, which is a total of about 1,568 square feet or 0.04 acres. The tower access roads would require 792 cubic yards of fill into 10,646 square feet of wetlands, or 0.24 acres of wetlands. Three power poles would be placed each requiring 2.5 cubic yards of gravel, or 7.5 cubic yards of fill overall, to be placed into 0.001 acres of wetlands. The total impact of the project would require the placement of 1,442 cubic yards of fill material into 0.28 acres of wetlands.

ADDITIONAL INFORMATION: This project was previously on Public Notice 16 May 2005 through 15 June 2005, but was withdrawn because Federal Aviation Administration determined that the locations of the towers were a hazard to aircraft and air navigation facilities. The material source for the fill material would be a previously permitted site owned by the city. The wind turbines that would be installed are Vestas V-27 Wind Generation towers. The applicant proposes to begin

work in the summer of 2007. Power poles would be embedded 7.5 feet into the ground using an excavator. The poles would be set when the ground is frozen or cranes would be used to reach the area so as to keep the 700-foot power line reach undisturbed. The organics that are disturbed for pole excavation would be distributed as cover over the filled area.

MITIGATION: The applicant looked at many alternative sites for the project. Sites that would be within uplands would be too far from the community to be practicable. The upland site alternatives would require longer lengths of power lines, which would be likely to have an adverse effect on the threatened spectacled eider.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Section 307(c)(3) of the Coastal Zone, Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the Alaska Coastal Management Program. A permit will not be issued until the Office of Project Management and Permitting, Department of Natural Resources has concurred with the applicant's certification.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES: The project area is within the known or historic range of the spectacled eider. Preliminarily, the described activity may affect threatened or endangered species, or modify their designated critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the

U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Julie Woodke at (907) 753-2712, toll free from within Alaska at (800) 478-2712, or by email at julie.a.woodke@poa02.usace.army.mil if further information is desired concerning this notice.

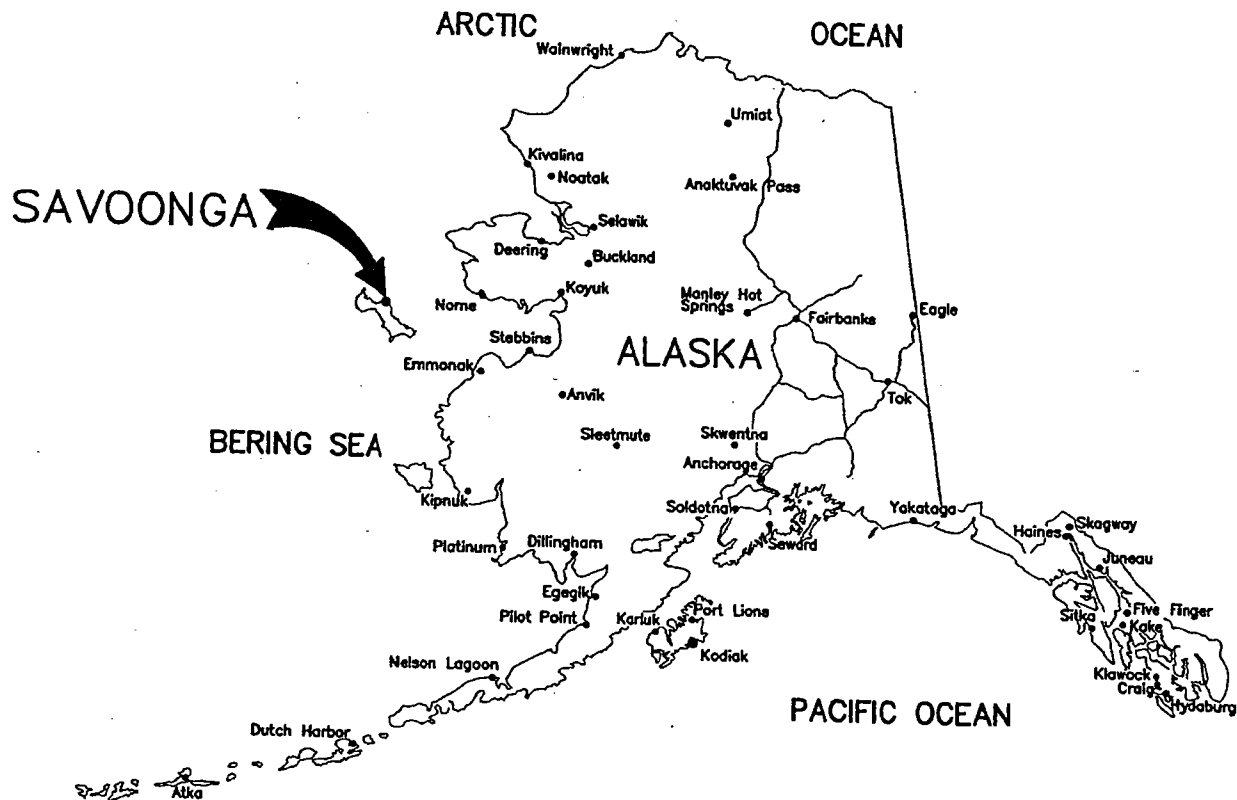
AUTHORITY: This permit will be issued or denied under the following authority:

(X) Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan, Notice of Application for Certification of Consistency with the Alaska Coastal Management Program, and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments



POA-2005-761
 Bering Sea
 September 2006
 Sheet 1 of 5



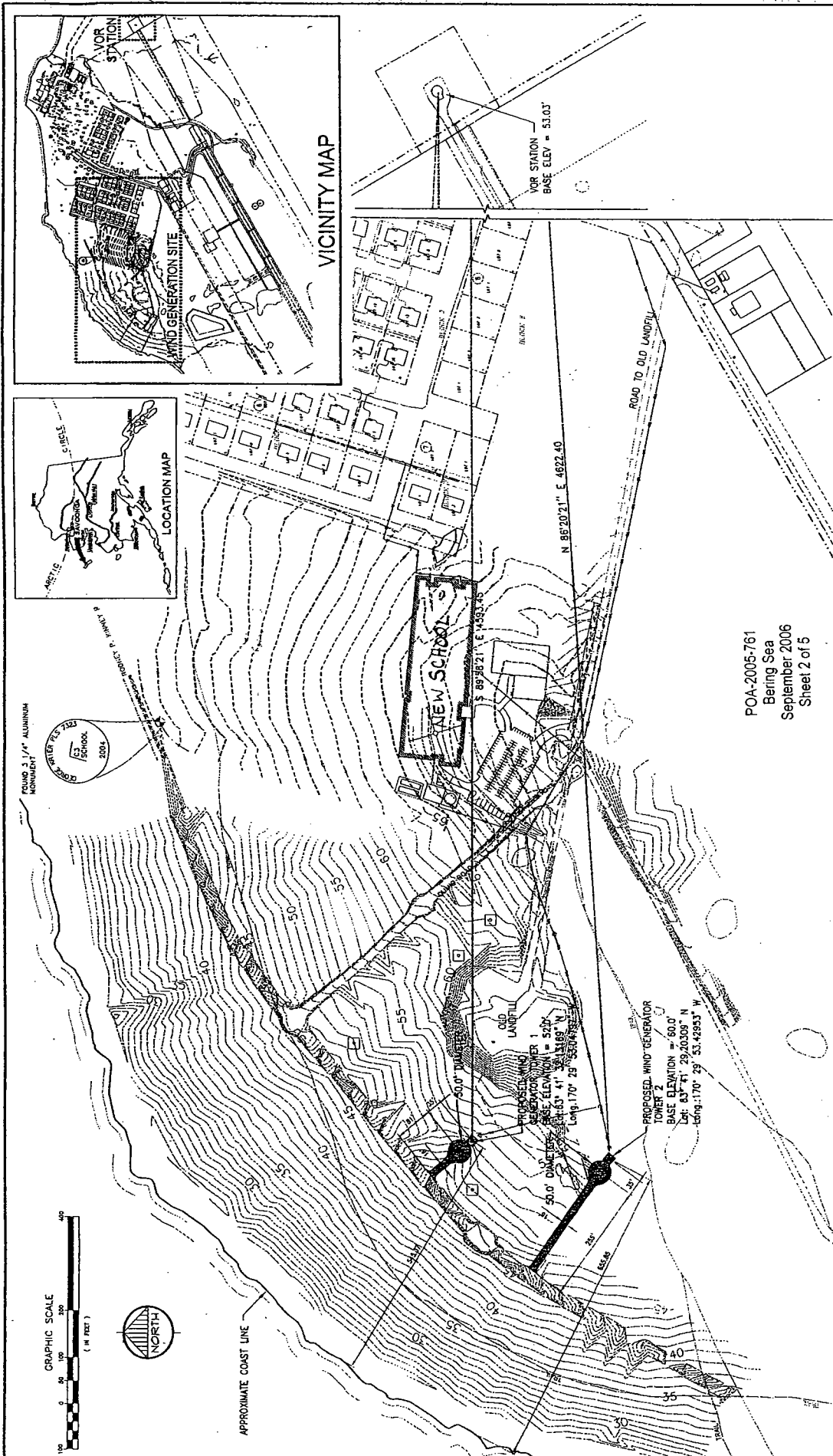
Scale: NTS

Date: APRIL 2005

Drawn: DDR

SAVOONGA POWER PLANT AND
 WIND TURBINE PROJECT
 LOCATION MAP
 SAVOONGA, ALASKA

FIG. 1 of 5



POA-2005-761
 Bering Sea
 September 2006
 Sheet 2 of 5

Fig 2.05

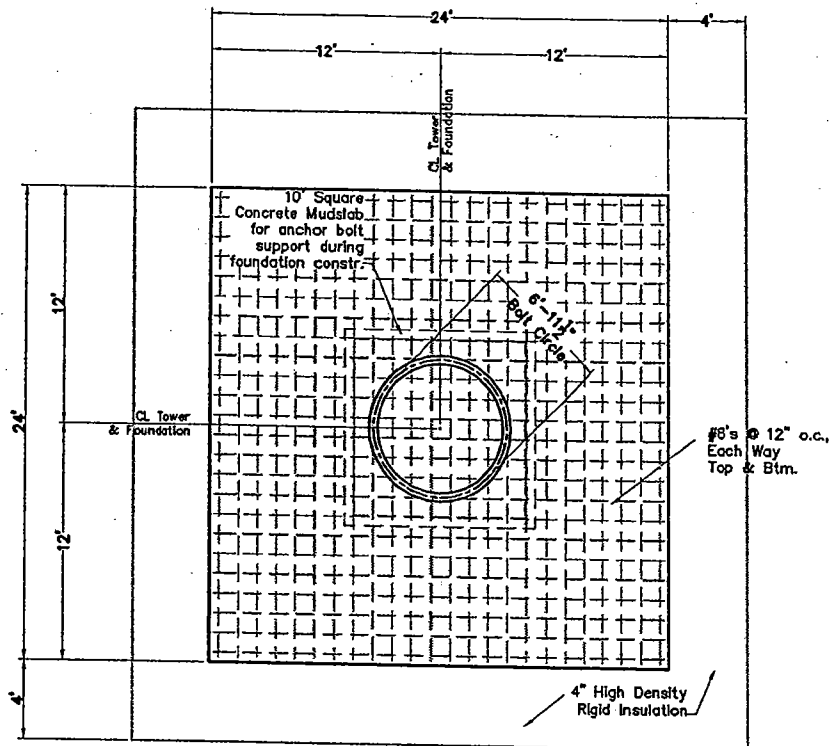
Revised Site Plan, August 2006
 PROPOSED WIND GENERATION SITE - TOPOGRAPHY

SAVOONGA, ALASKA

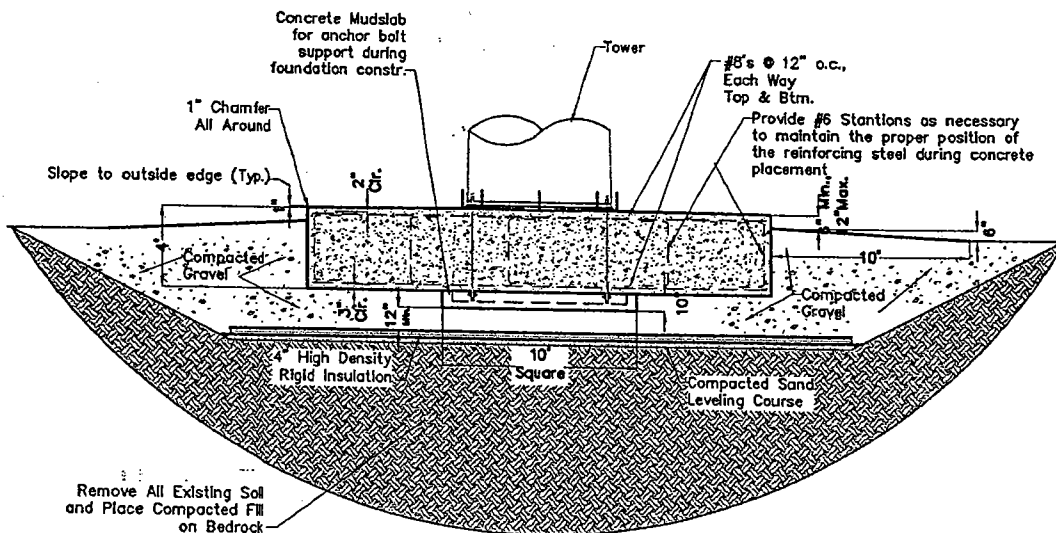
Scale: SEE GRAPHICAL	Date: AUG. 2006	Drawn: CM
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ACOFFMAN
 ENGINEERS, INC.
 800 7th Ave.
 Anchorage, Alaska 99501
 907 275-1024 Fax 907 271-9642

CE2
 ENGINEERS, INC.
 1000 W. 10th Ave.
 Anchorage, Alaska 99501
 907 275-1024 Fax 907 271-9642



Tower Foundation Plan



Tower Foundation Section

POA-2005-761
Bering Sea
September 2006
Sheet 3 of 5

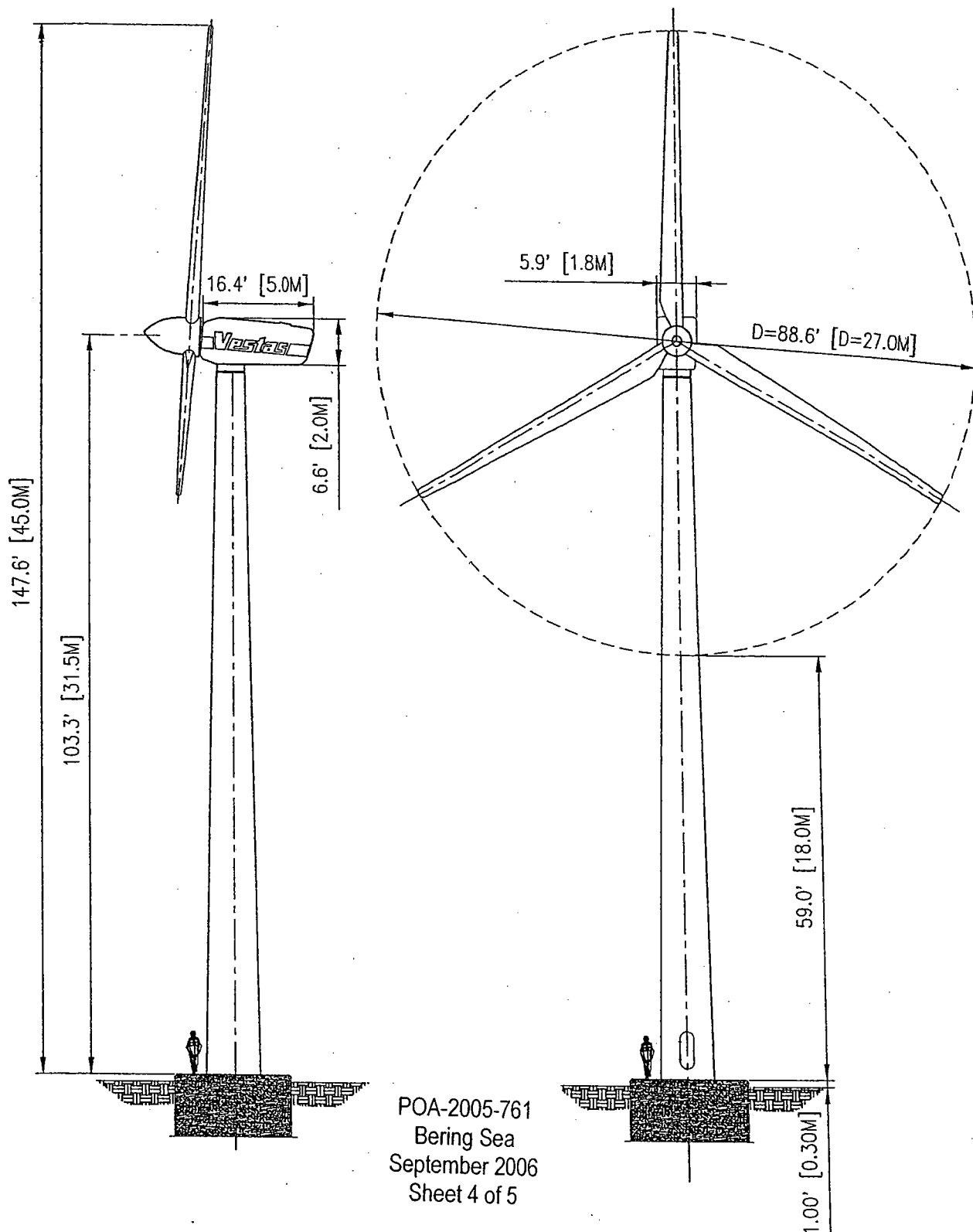
CE₂
ENGINEERS, INC.

PO BOX 22246 ANCHORAGE, AK 99522 PH: 907-343-1010 FAX: 907-343-1015

Scale: NTS
Date: APRIL 2005
Drawn: DDR

SAVOONGA POWER PLANT AND
WIND TURBINE PROJECT
FOUNDATION DETAIL
SAVOONGA, ALASKA

FIG. 3 of 5



ALASKA VILLAGE ELECTRIC CO-OP					REV. NONE
CE2 Engineers Submittal					DATE
VESTAS V27 WIND TOWER					SCALE
					DATE 3/13/06
APPLICATION	ACCT. NO.	SPEC. NO.	DWG. GDG	CAD#	FIG 4 OF 5
			ENGR. BDM	D2005-9	



CLIENTS: ALASKA VILLAGE ELECTRIC COOPERATIVE	
PROJECT: WIND TURBINES	
LOCATION: SAVOONGA, ALASKA	
WATERBODY: BERING SEA	
DATE: 8/16/06	DRAWN AGA
SHEET: Fig 5 of 5	REV. 0

STATE OF ALASKA

OFFICE OF THE GOVERNOR

**DEPARTMENT OF NATURAL RESOURCES
OFFICE OF PROJECT MANAGEMENT AND PERMITTING**

ALASKA COASTAL ZONE MANAGEMENT
550 WEST 7TH AVENUE, SUITE 1660
ANCHORAGE, ALASKA 99501-3568

**NOTICE OF APPLICATION
FOR
CERTIFICATION OF CONSISTENCY WITH THE
ALASKA COASTAL MANAGEMENT PROGRAM**

Notice is hereby given that a request is being filed with the Office of Project Management and Permitting for a consistency determination, as provided in Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended [16 U.S.C. 1456(c)(3)], that the project described in the Corps of Engineers Public Notice No. **POA-2005-761, Bering Sea**, will comply with the Alaska Coastal Management Program and that the project will be conducted in a manner consistent with that program.

The Office of Project Management and Permitting requests your comments, particularly on the proposed project's consistency with the affected local coastal district management program. For more information on the consistency review contact OPMP at (907) 269-7470 or (907) 465-3562, or visit the ACMP web site at <http://www.gov.state.ak.us/gdc/Projects/projects.html>.

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

401 Certification Program

Non-Point Source Water Pollution Control Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA-2005-761, Bering Sea, State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-6281
FAX: (907) 269-7508